

**WHAT IS CLAIMED IS:**

1. Solar cell connector having at least one compensation section, wherein the compensation section has a frame-shaped structure.
2. Solar cell connector according to Claim 1, wherein the solar cell connector has a band-shaped construction.
3. Solar cell connector according to Claim 2, wherein the band-shaped structure of the solar cell connector defines a surface, and the frame-shaped structure of the compensation section is formed by exactly one recess closed in the defined surface.
4. Solar cell connector according to Claim 1, wherein the frame-shaped structure has an oval construction.
5. Solar cell connector according to Claim 3, wherein the frame-shaped structure has an oval construction.
6. Solar cell connector according to Claim 4, wherein the frame-shaped structure has a round construction.
7. Solar cell connector according to Claim 5, wherein the frame-shaped structure has a round construction.
8. Solar cell connector according to Claim 1, wherein the frame-shaped structure has an angular construction.

9. Solar cell connector according to Claim 3, wherein the frame-shaped structure has an angular construction.
10. Solar cell connector according to Claim 8, wherein the frame-shaped structure has a triangular, a square or a polygonal construction.
11. Solar cell connector according to Claim 9, wherein the frame-shaped structure has a triangular, a square or a polygonal construction.
12. Solar cell connector according to Claim 1, wherein the connector consists of a precious metal or a conductive material with a precious-metal coating.
13. Solar cell connector according to Claim 3, wherein the connector consists of a precious metal or a conductive material with a precious-metal coating.
14. Solar cell connector according to Claim 12, wherein gold or silver is provided as the precious metal.
15. Solar cell connector according to Claim 13, wherein gold or silver is provided as the precious metal.
16. Solar cell connector according to Claim 12, wherein a subgroup element is provided as a conductive material of the connector.
17. Solar cell connector according to Claim 1, produced by stamping, etching or eroding.
18. Solar cell connector according to Claim 3, produced by stamping, etching or eroding.

19. Method of producing a solar cell arrangement, comprising:

providing a metal strip,

forming a solar cell connector structure from the metal strip with first and second connection areas and at least one frame-shaped compensation section arranged between the connection areas,

connecting the first connection area with at least a first solar cell, and

connecting the second connection area with at least a second solar cell.

20. Method according to Claim 19, wherein the solar cell connector has a band-shaped construction.

21. Method according to Claim 20, wherein the band-shaped structure of the solar cell connector defines a surface, and the frame-shaped structure of the compensation section is formed by exactly one recess closed in the defined surface.

22. Method according to Claim 21, wherein the frame-shaped structure has an oval construction.

23. Method according to Claim 21, wherein the frame-shaped structure has a round construction.

24. Method according to Claim 21, wherein the frame-shaped structure has an angular construction.

25. Method according to Claim 21, wherein the frame-shaped structure has a triangular, a square or a polygonal construction.

26. Method according to Claim 21, wherein the connector consists of a precious metal or a conductive material with a precious-metal coating.

27. Method according to Claim 19, wherein said forming includes stamping said connector structure out of the metal strip.

28. Method according to Claim 19, wherein said forming includes etching.

29. Method according to Claim 19, wherein said forming includes eroding.

30. Method according to Claim 21, wherein said forming includes stamping said connector structure out of the metal strip.